Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

SECOND AND PART BILL

EMB

BRUHAT BANGALORE MAHANAGARA PALIKE

Second & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	2
Item Name:	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3) (V-I.No 1.4,Page No-5 PWD SR 2021-22)

SLNO	CHAINAGE / Land Mark		NO	L (m)	B (m)	D (m)	QTY	Remarks
Date of Measurement:- 24-12-22-30-12-22								
Ward no 03								
RCC DRAIN								
Sri Sai Layout								
From Veersagar Main Road								
Cross Road 1 (LHS)								
	0.00	14.70	1	14.70	1.10	1.00	16.17	
Cross Road 2 (RHS)								
	0.00	20.30	1	20.30	1.10	1.00	22.33	
Sai Layout 2nd A Main Road (LHS)								
	0.00	30.00	1	30.00	1.10	1.00	33.00	
	30.00	47.10	1	17.10	1.10	1.00	18.81	
	47.10	54.10	1	7.00	-	-	-	No Work
	54.10	84.10	1	30.00	1.10	1.00	33.00	
	84.10	114.10	1	30.00	1.10	1.00	33.00	
	114.10	144.10	1	30.00	1.10	1.00	33.00	
Sai Layout 2nd A Main Road (RHS)								
	0.00	30.00	1	30.00	1.10	1.00	33.00	
	30.00	60.00	1	30.00	1.10	1.00	33.00	
	60.00	90.00	1	30.00	1.10	1.00	33.00	
	90.00	120.00	1	30.00	1.10	1.00	33.00	
	120.00	136.20	1	16.20	1.10	1.00	17.82	
From Veersagar Main Road								
11th Cross Road (RHS)								
	0.00	30.00	1	30.00	1.10	1.00	33.00	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾ
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7th cross road LHS								
	0.00	30.00	1	30.00	0.60	0.60	10.80	
	30.00	60.00	1	30.00	0.60	0.60	10.80	
	60.00	64.00	1	4.00	0.60	0.60	1.44	
7th cross road RHS								
	0.00	30.00	1	30.00	0.60	0.60	10.80	
	30.00	60.00	1	30.00	0.60	0.60	10.80	
	60.00	64.00	1	4.00	0.60	0.60	1.44	
						Total Qty Work Done	**2287.02**	
						Approved Schedule B Quantity	**12902.39**	
						Qty Payable in this bill	**2287.02**	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Contractor

Assistant Engineer
Yelahanka Division

NINETECH INFRA SOLUTIONS PVT. LTD. Bangalore

Project Management Consultants

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Asst Executive Engineer
Yelahanka Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Second & Part Bill

Name of w... ...ements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attu... ...out, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	3							
Item Name:	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates (V-1, P.No-15, I No-2.1.3 of PWD SR 2021-22)							
SLNO	**CHAINAGE** / **Land Mark**		**NO**	**L (m)**	**B (m)**	**D (m)**	**QTY**	**Remarks**
Date of Measurement:- 26-12-22 – 2-1-23								
Ward no 03								
RCC DRAIN								
Sri Sai Layout								
From Veersagar Main Road								
Cross Road 1 (LHS)								
	0.00	14.70	1	14.70	1.10	0.15	2.43	
Cross Road 2 (RHS)								
	0.00	20.30	1	20.30	1.10	0.15	3.35	
Sai Layout 2nd A Main Road (LHS)								
	0.00	30.00	1	30.00	1.10	0.15	4.95	
	30.00	47.10	1	17.10	1.10	0.15	2.82	
	47.10	54.10	1	7.00	-	-	-	No Work
	54.10	84.10	1	30.00	1.10	0.15	4.95	
	84.10	114.10	1	30.00	1.10	0.15	4.95	
	114.10	144.10	1	30.00	1.10	0.15	4.95	
Sai Layout 2nd A Main Road (RHS)								
	0.00	30.00	1	30.00	1.10	0.15	4.95	
	30.00	60.00	1	30.00	1.10	0.15	4.95	
	60.00	90.00	1	30.00	1.10	0.15	4.95	
	90.00	120.00	1	30.00	1.10	0.15	4.95	
	120.00	136.20	1	16.20	1.10	0.15	2.67	
From Veersagar Main Road								
11th Cross Road (RHS)								
	0.00	30.00	1	30.00	1.10	0.15	4.95	
	30.00	49.00	1	19.00	1.10	0.15	3.14	
6th Cross Road (RHS)								
	0.00	30.00	1	30.00	1.10	0.15	4.95	
	30.00	60.00	1	30.00	1.10	0.15	4.95	

ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
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Junior/Assistant Engineer

Assistant Executive Engineer

	60.00	90.00	1	30.00	1.10	0.15	4.95	
	90.00	93.90	1	3.90	1.10	0.15	0.64	
	93.90	108.00	1	14.10	-	-	-	No Work
	108.00	129.30	1	21.30	1.10	0.15	3.51	
		6th Cross Road (Dead End)						
	0.00	4.70	1	4.70	1.10	0.15	0.78	
						Total Qty Work Done	78.74	
						Approved Schedule B Quantity	1911.91	
						Qty Limited to	78.74	Cum

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂ
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ಜಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-10

Contractor

Project Management Consultants

Assistant Engineer
Yelahanka Division

Asst Executive Engineer
Yelahanka Division

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಜಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

BRUHAT BANGALORE MAHANAGARA PALIKE

First & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	4	
Item Name:	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 & 2200 TMT Bars Fe 550(P-229/28.8.3) PWD SR 2018-19	

Sl no	Dia of Bar in mm	Side	Nos	Length of Bar in mtr	Total Length of Bar in mtr	Standard Weight per Meter in kgs	Weight of Steel in kgs	Remarks
Date of Measurement- 28-12-22 - 3-1-23								
RCC Drain								
Sri Sai Layout								
Cross Road 1 (LHS)								
1	8	1	15	14.70	225.40	0.40	89.05	
2	10	1	147	2.15	316.05	0.62	195.09	
Cross Road 2 (RHS)								
1	8	1	15	20.30	311.27	0.40	122.97	
2	10	1	203	2.15	436.45	0.62	269.41	
Sai Layout 2nd A Main Road (LHS)								
1	8	1	15	137.10	2102.20	0.40	830.50	
2	10	1	1371	2.15	2947.65	0.62	1819.54	
Sai Layout 2nd A Main Road (RHS)								
1	8	1	15	136.20	2088.40	0.40	825.05	
2	10	1	1362	2.15	2928.30	0.62	1807.59	
11th Cross Road (RHS)								
1	8	1	15	49.00	751.33	0.40	296.82	
2	10	1	490	2.15	1053.50	0.62	650.31	
6th Cross Road (RHS)								
1	8	1	15	129.30	1982.60	0.40	783.25	
2	10	1	1293	2.15	2779.95	0.62	1716.02	
6th Cross Road (Dead End)								
1	8	1	15	4.70	72.07	0.40	28.47	
2	10	1	47	2.15	101.05	0.62	62.38	
	Total Quantity of Steel in Kg's for RCC Drain only						**9496.44**	

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Sl no	Dia of Bar in mm	Side	Nos	Length of Bar in mtr	Total Length of Bar in mtr	Standard Weight per Meter in kgs	Weight of Steel in kgs	Remarks
						Total Quantity of Steel in Kg's	9496.4	kgs
						Total Quantity of Steel in Tonne's	9.50	Tn
						Approved Schedule B Quantity	138.66	Tn
						Qty Payable in this bill	9.50	Tn

MINETECH INFRA SOLUTIONS PVT LTD. Bangalore 560 056

Contractor

Project Management Consultants

Assistant Engineer
Yelahanka Division

Assistant Executive Engineer
Yelahanka Division

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

First & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants.

(PACKAGE No-03)

Item No:	5	
Item Name:	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (V-1,P.No.17, I.No.2.4.2 of PWD SR 2021-22)	

SLNO	CHAINAGE / Land Mark		NO	L (m)	B (m)	D (m)	QTY	Remarks
Date of Measurement:- 22-12-22 – 4-1-23								
For Raft Concrete								
Ward no 03								
RCC DRAIN								
Sri Sai Layout								
From Veersagar Main Road								
Cross Road 1 (LHS)								
	0.00	14.70	1	14.70	0.90	0.15	1.98	
Cross Road 2 (RHS)								
	0.00	20.30	1	20.30	0.90	0.15	2.74	
Sai Layout 2nd A Main Road (LHS)								
	0.00	30.00	1	30.00	0.90	0.15	4.05	
	30.00	47.10	1	17.10	0.90	0.15	2.31	
	47.10	54.10	1	7.00	-	-		
	54.10	84.10	1	30.00	0.90	0.15	4.05	
	84.10	114.10	1	30.00	0.90	0.15	4.05	
	114.10	144.10	1	30.00	0.90	0.15	4.05	
Sai Layout 2nd A Main Road (RHS)								
	0.00	30.00	1	30.00	0.90	0.15	4.05	
	30.00	60.00	1	30.00	0.90	0.15	4.05	
	60.00	90.00	1	30.00	0.90	0.15	4.05	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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ಜಿ.ಬಿ.ಎ.ಎ. ಬೆಂಗಳೂರು-106

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಜಿ.ಬಿ.ಎ.ಎ. ಬೆಂಗಳೂರು-106

Assistant Executive Engineer

	90.00	93.90	2	3.90	0.15	0.60	0.70	
	93.90	108.00	2	14.10	-	-	-	No Work
	108.00	129.30	2	21.30	0.15	0.60	3.83	
6th Cross Road (Dead End)								
	0.00	4.70	2	4.70	0.15	0.60	0.85	
Total Qty Work Done							150.46	
Approved Schedule B Quantity							2227.93	
Qty Payable in this bill							150.46	

Contractor

Project Management Consultants

Assistant Engineer
Yelahanka Division

Asst.Executive Engineer,
Yelahanka Division

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Second & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	8	
Item Name:	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates (V-I, No-2.1.4, P.No-15 of PWD SR 2021-22).	

SLNO	CHAINAGE / Land Mark		NO	L (m)	B (m)	D (m)	QTY	Remarks
Date of Measurement:-			27-1-23	2-2-23				
PCC FOR KERB								
Ward No -03								
Attur Layout 3rd cross road LHS (From End)								
	0.00	14.50	1	14.50	0.20	0.10	0.29	
	14.50	30.00						
	30.00	38.00	1	8.00	0.20	0.10	0.16	
	38.00	60.00						
	60.00	72.00	1	12.00	0.20	0.10	0.24	
	72.00	90.00						
	90.00	96.00	1	6.00	0.20	0.10	0.12	
	96.00	120.00						
	120.00	131.00	1	11.00	0.20	0.10	0.22	
	131.00	150.00						
	150.00	164.00	1	14.00	0.20	0.10	0.28	
	164.00	180.00						
	180.00	210.00	1	30.00	0.20	0.10	0.60	
	210.00	240.00						
	240.00	243.80	1	3.80	0.20	0.10	0.08	
	243.80	260.00						
	260.00	282.10	1	22.10	0.20	0.10	0.44	
Attur Layout 3rd cross road RHS (From End)								
	0.00	18.20	1	18.20	0.20	0.10	0.36	
	18.20	30.00						
	30.00	43.50	1	13.50	0.20	0.10	0.27	
	43.50	60.00						
	60.00	76.00	1	16.00	0.20	0.10	0.32	
	76.00	90.00						
	90.00	103.00	1	13.00	0.20	0.10	0.26	
	103.00	120.00						
	120.00	134.00	1	14.00	0.20	0.10	0.28	
	134.00	150.00						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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ಜ.ಜ.ಎಂ.ಪ. ಬೆಂಗಳೂರು-106

	150.00	169.00	1	19.00	0.20	0.10	0.38	
	169.00	180.00						
	180.00	210.00	1	30.00	0.20	0.10	0.60	
	210.00	240.00						
	240.00	243.80	1	3.80	0.20	0.10	0.08	
	243.80	260.00						
	260.00	269.20	1	9.20	0.20	0.10	0.18	
Attur Layout 4th cross road(LHS)								
	0.00	17.00	1	17.00	0.20	0.10	0.34	
	17.00	30.00						
	30.00	47.70	1	17.70	0.20	0.10	0.35	
	47.70	60.00						
	60.00	77.70	1	17.70	0.20	0.10	0.35	
	77.70	90.00						
	90.00	108.70	1	18.70	0.20	0.10	0.37	
	108.70	120.00						
	120.00	141.20	1	21.20	0.20	0.10	0.42	
	141.20	150.00						
	150.00	172.40	1	22.40	0.20	0.10	0.45	
	172.40	180.00						
	180.00	210.00	1	30.00	0.20	0.10	0.60	
	210.00	240.00						
	240.00	253.00	1	13.00	0.20	0.10	0.26	
	253.00	260.00	1					
Attur Layout 4th cross road(RHS)								
	0.00	16.20	1	16.20	0.20	0.10	0.32	
	16.20	30.00						
	30.00	49.80	1	19.80	0.20	0.10	0.40	
	49.80	60.00						
	60.00	78.50	1	18.50	0.20	0.10	0.37	
	78.50	90.00						
	90.00	110.20	1	20.20	0.20	0.10	0.53	
	110.20	120.00						
	120.00	146.50	1	26.50	0.20	0.10	0.56	
	146.50	150.00						
	150.00	178.20	1	28.20	0.20	0.10	0.60	
	178.20	180.00						
	180.00	210.00	1	30.00	0.20	0.10		
	210.00	240.00						
	240.00	260.00	1					
						Total Qty Work Done	11.50	
						Approved Schedule B Quantity	230.72	
						Qty Payable in this bill	49.29	11.50 11.50

Contractor

Assistant Engineer
Yelahanka Division

Project Management Consultants

Executive Engineer
Yelahanka Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Second & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	11
Item Name:	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work ((V-I, P.No-8, I No-0.552 of PWD SR 2021-22)

SLNO	CHAINAGE / Land Mark		NO	L (m)	B (m)	D (m)	QTY	Remarks
Date of Measurement:- 29-12-22 - 16-1-23								
Ward no 03								
Asphalt ROAD								
Akshaynagar								
2nd cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45	0.25	6.75	
	30.00	60.00	2	30.00	0.45	0.25	6.75	
	60.00	63.50	2	3.50	0.45	0.25	0.79	
Cut portion								
	0.00	30.00	2	30.00	0.55	0.25	8.25	
	30.00	60.00	2	30.00	0.55	0.25	8.25	
	60.00	63.50	2	3.50	0.45	0.25	0.79	
3rd cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45	0.25	6.75	
	30.00	60.00	2	30.00	0.45	0.25	6.75	
	60.00	64.50	2	4.50	0.45	0.25	1.01	
Cut portion								
	0.00	30.00	2	30.00	0.55	0.25	8.25	
	30.00	60.00	2	30.00	0.55	0.25	8.25	
	60.00	64.50	2	4.50	0.55	0.25	1.24	
4th cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45	0.25	6.75	
	30.00	60.00	2	30.00	0.45	0.25	6.75	
	60.00	63.50	2	3.50	0.45	0.25	0.79	

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	0.00	30.00	2	30.00	0.55	0.25	8.25	
	30.00	38.20	2	8.20	0.55	0.25	2.26	

Ward no 04

10th B Main B Sector

Edge correction and damage portion

	0.00	30.00	2	30.00	0.45	0.25	6.75	
	30.00	35.20	2	5.20	0.45	0.25	1.17	

Cut portion

	0.00	30.00	2	30.00	0.55	0.25	8.25	
	30.00	35.20	2	5.20	0.55	0.25	1.43	

2nd B Main B Sector

Edge correction and damage portion

	0.00	30.00	2	30.00	0.45	0.25	6.75	
	30.00	60.00	2	30.00	0.45	0.25	6.75	
	30.00	72.10	2	42.10	0.45	0.25	9.47	

Cut portion

	0.00	30.00	2	30.00	0.55	0.25	8.25	
	30.00	60.00	2	30.00	0.55	0.25	8.25	
	60.00	72.10	2	12.10	0.55	0.25	3.33	

11th B Cross Road B Sector

Edge correction and damage portion

	0.00	30.00	2	30.00	0.45	0.25	6.75	
	30.00	60.00	2	30.00	0.45	0.25	6.75	
	30.00	76.20	2	46.20	0.45	0.25	10.40	

Cut portion

	0.00	30.00	2	30.00	0.55	0.25	8.25	
	30.00	60.00	2	30.00	0.55	0.25	8.25	
	60.00	76.20	2	16.20	0.55	0.25	4.46	

Sandeep Unnikrishnan Main Road							
From 3rd B Cross Road							
7th B Main							
Edge correction and damage portion							
	0.00	30.00	1	30.00	0.45	0.25	3.38
	30.00	60.00	1	30.00	0.45	0.25	3.38
	60.00	67.30	1	7.30	0.45	0.25	0.82
Cut portion							
	0.00	30.00	1	30.00	0.55	0.25	4.13
	30.00	60.00	1	30.00	0.55	0.25	4.13
	60.00	67.30	1	7.30	0.55	0.25	1.00
Total Qty Work Done							2142.55
Approved Schedule B Quantity							8088.12
Qty Payable in this bill							2142.55

Contractor

Project Management Consultants

Assistant Engineer
Yelahanka Division

Asst.Executive Engineer
Yelahanka Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Second & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	12
Item Name:	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401 .(V-III, I No-4.1V,P No-19,KPWD SR 2021-22)

SLNO	CHAINAGE / Land Mark		NO	L (m)	B (m)	D (m)	QTY	Remarks
Date of Measurement:- 2-1-23 - 24-1-23								
Ward no 03								
Asphalt ROAD								
Akshaynagar								
2nd cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45	0.15	4.05	
	30.00	60.00	2	30.00	0.45	0.15	4.05	
	60.00	63.50	2	3.50	0.45	0.15	0.47	
Cut portion								
	0.00	30.00	2	30.00	0.55	0.15	4.95	
	30.00	60.00	2	30.00	0.55	0.15	4.95	
	60.00	63.50	2	3.50	0.55	0.15	0.58	
3rd cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45	0.15	4.05	
	30.00	60.00	2	30.00	0.45	0.15	4.05	
	60.00	64.50	2	4.50	0.45	0.15	0.61	
Cut portion								
	0.00	30.00	2	30.00	0.55	0.15	4.95	
	30.00	60.00	2	30.00	0.55	0.15	4.95	
	60.00	64.50	2	4.50	0.55	0.15	0.74	
4th cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45	0.15	4.05	
	30.00	60.00	2	30.00	0.45	0.15	4.05	
	60.00	63.50	2	3.50	0.45	0.15	0.47	
Cut portion								
	0.00	30.00	2	30.00	0.55	0.15	4.95	
	30.00	60.00	2	30.00	0.55	0.15	4.95	
	60.00	63.50	2	3.50	0.55	0.15	0.58	
5th cross road								

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	60.00	76.20	2	16.20	0.55	0.15	2.67	
Sandeep Unnikrishnan Main Road								
From 3rd B Cross Road								
7th B Main								
Edge correction and damage portion								
	0.00	30.00	1	30.00	0.45	0.15	2.03	
	30.00	60.00	1	30.00	0.45	0.15	2.03	
	60.00	67.30	1	7.30	0.45	0.15	0.49	
Cut portion								
	0.00	30.00	1	30.00	0.55	0.15	2.48	
	30.00	60.00	1	30.00	0.55	0.15	2.48	
	60.00	67.30	1	7.30	0.55	0.15	0.60	
						Total Qty Work Done	**1285.64**	
						Approved Schedule B Quantity	**4243.82**	
						Qty Payable in this bill	**1285.64**	

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ಜ.ಜ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Contractor

Project Management Consultants

Assistant Engineer
Yelahanka Division

Asst Executive Engineer
Yelahanka Division

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
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ಜ.ಜ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

BRUHAT BANGALORE MAHANAGARA PALIKE

Second & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	13	
Item Name:	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density (V-III, P.No-24,I No-4.27A)of PWD SR 2021-22).	

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	Remarks
Date of Measurement:- 6-1-23- 28-1-23								
Ward no 03								
Asphalt ROAD								
Akshaynagar								
2nd cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45	0.23	6.21	
	30.00	60.00	2	30.00	0.45	0.23	6.21	
	60.00	63.50	2	3.50	0.45	0.23	0.72	
Cut portion								
	0.00	30.00	2	30.00	0.55	0.23	7.59	
	30.00	60.00	2	30.00	0.55	0.23	7.59	
	60.00	63.50	2	3.50	0.55	0.23	0.89	
3rd cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45	0.23	6.21	
	30.00	60.00	2	30.00	0.45	0.23	6.21	
	60.00	64.50	2	4.50	0.45	0.23	0.93	
Cut portion								
	0.00	30.00	2	30.00	0.55	0.23	7.59	
	30.00	60.00	2	30.00	0.55	0.23	7.59	
	60.00	64.50	2	4.50	0.55	0.23	1.14	
4th cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45	0.23	6.21	
	30.00	60.00	2	30.00	0.45	0.23	6.21	
	60.00	63.50	2	3.50	0.45	0.23	0.72	
Cut portion								

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Sandeep Unnikrishnan Main Road								
From 3rd B Cross Road								
7th B Main								
Edge correction and damage portion								
	0.00	30.00	1	30.00	0.45	0.23	3.11	
	30.00	60.00	1	30.00	0.45	0.23	3.11	
	60.00	67.30	1	7.30	0.45	0.23	0.76	
Cut portion								
	0.00	30.00	1	30.00	0.55	0.23	3.80	
	30.00	60.00	1	30.00	0.55	0.23	3.80	
	60.00	67.30	1	7.30	0.55	0.23	0.92	
						Total Qty Work Done	**1969.28**	
						Approved Schedule B Quantity	**5609.00**	
						Qty Payable in this bill	**1969.28**	

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ಜ.ಜ.ಎಂ.ಕಿ. ಬೆಂಗಳೂರು-೫೬

Contractor

Assistant Engineer
Yelahanka Division

TECH INFRA SOLUTIONS PVT
Bangalore
560 056

Project Management Consultants

Asst Executive Engineer
Yelahanka Division

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
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BRUHAT BANGALORE MAHANAGARA PALIKE

Second & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	14
Item Name:	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means. (V-III, P.No-29,I No-5.1(i) of PWD SR 2021-22).

SLNO	CHAINAGE / Land Mark		NO	L (m)	B (m)	D (m)	QTY	Remarks
Date of Measurement:-	20-1-23 - 3-2-23							
Ward no 03								
Asphalt ROAD								
Akshaynagar								
2nd cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45		27.00	
	30.00	60.00	2	30.00	0.45		27.00	
	60.00	63.50	2	3.50	0.55	0.050	0.19	
Cut portion								
	0.00	30.00	2	30.00	0.55		33.00	
	30.00	60.00	2	30.00	0.55		33.00	
	60.00	63.50	2	3.50	0.55	0.050	0.19	
3rd cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45		27.00	
	30.00	60.00	2	30.00	0.45		27.00	
	60.00	64.50	2	4.50	0.45		4.05	
Cut portion								
	0.00	30.00	2	30.00	0.55		33.00	
	30.00	60.00	2	30.00	0.55		33.00	
	60.00	64.50	2	4.50	0.55		4.95	
4th cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45		27.00	
	30.00	60.00	2	30.00	0.45		27.00	
	60.00	63.50	2	3.50	0.45		3.15	
Cut portion								
	0.00	30.00	2	30.00	0.55		33.00	
	30.00	60.00	2	30.00	0.55		33.00	
	60.00	63.50	2	3.50	0.55		3.85	
5th cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45		27.00	
	30.00	60.00	2	30.00	0.45		27.00	
Cut portion								
	0.00	30.00	2	30.00	0.55		33.00	
	30.00	60.00	2	30.00	0.55		33.00	
6th cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45		27.00	
	30.00	60.00	2	30.00	0.45		27.00	

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Sandeep Unnikrishnan Main Road							
From 3rd B Cross Road							
7th B Main							
Edge correction and damage portion							
	0.00	30.00	1	30.00	0.45		13.50
	30.00	60.00	1	30.00	0.45		13.50
	60.00	67.30	1	7.30	0.45		3.29
Cut portion							
	0.00	30.00	1	30.00	0.55		16.50
	30.00	60.00	1	30.00	0.55		16.50
	60.00	67.30	1	7.30	0.55		4.02
						Total Qty Work Done	8549.69
						Approved Schedule B Quantity	31872.27
						Qty Payable in this bill	8549.69

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ಬಿ.ಬ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Contractor

Assistant Engineer
Yelahanka Division

WHITE TECH INFRA SOLUTIONS PVT LTD
Bangalore
560 066

Project Management Consultants

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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ಬಿ.ಬ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Assistant Executive Engineer
Yelahanka Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Second & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	15
Item Name:	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom.(V-III, P.No-29,1 No-5.3(i) of PWD SR 2021-22).

Date of Measurement:- 23-1-23 — 3-2-23

SLNO	CHAINAGE / Land Mark		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	D (m)	QTY	Remarks
Ward no 03										
Asphalt ROAD										
Akshyanagar										
2nd cross road										
	0.00	30.00	1	30.00	6.00	5.90	5.95		178.50	
	30.00	60.00	1	30.00	5.90	6.40	6.15		184.50	
	60.00	63.50	1	3.50	6.40	6.40	6.40		22.40	
3rd cross road										
	0.00	30.00	1	30.00	6.00	6.10	6.05		181.50	
	30.00	60.00	1	30.00	6.10	5.20	5.65		169.50	
	60.00	64.50	1	4.50	5.20	5.70	5.45		24.53	
4th cross road										
	0.00	30.00	1	30.00	5.80	5.90	5.85		175.50	
	30.00	60.00	1	30.00	5.90	5.50	5.70		171.00	
	60.00	63.50	1	3.50	5.50	5.50	5.50		19.25	
5th cross road										
	0.00	30.00	1	30.00	5.70	5.80	5.75		172.50	
	30.00	60.00	1	30.00	5.80	6.30	6.05		181.50	
6th cross road										
	0.00	30.00	1	30.00	6.20	6.30	6.25		187.50	
	30.00	60.00	1	30.00	6.30	5.80	6.05		181.50	
	60.00	65.00	1	5.00	5.80	5.80	5.80		29.00	
7th cross road										
	0.00	30.00	1	30.00	6.20	6.30	6.25		187.50	
	30.00	60.00	1	30.00	6.30	6.20	6.25		187.50	
	60.00	64.00	1	4.00	6.20	6.30	6.25		25.00	
8th A main road										
	0.00	30.00	1	30.00	7.80	5.80	6.80		204.00	
	30.00	60.00	1	30.00	5.80	7.10	6.45		193.50	
	60.00	90.00	1	30.00	7.10	6.60	6.85		205.50	
	90.00	120.00	1	30.00	6.60	6.70	6.65		199.50	
	120.00	150.00	1	30.00	6.70	6.70	6.70		201.00	
	150.00	180.00	1	30.00	6.70	5.40	6.05		181.50	
	180.00	210.00	1	30.00	5.40	6.50	5.95		178.50	
	210.00	240.00	1	30.00	6.50	6.80	6.65		199.50	
	240.00	255.20	1	15.20	6.80	5.30	6.05		91.96	
State Bank of India road										
	0.00	30.00	1	30.00	8.50	6.90	7.70		231.00	
	30.00	60.00	1	30.00	6.90	6.80	6.85		205.50	
	60.00	90.00	1	30.00	6.80	6.30	6.55		196.50	

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	90.00	120.00	1	30.00	5.20	5.60	5.40		162.00
	120.00	150.00	1	30.00	5.60	6.20	5.90		177.00
	150.00	180.00	1	30.00	6.20	5.20	5.70		171.00
	180.00	210.00	1	30.00	5.20	4.80	5.00		150.00
	210.00	240.00	1	30.00	4.80	7.40	6.10		183.00
	240.00	256.90	1	16.90	7.40	6.00	6.70		113.23
	256.90	263.70	1	6.80	4.00	4.00	4.00		27.20
Under 11th cross Road (Muneshwara Layout)									
1st Cross Road									
	0.00	30.00	1	30.00	4.90	5.00	4.95		148.50
	30.00	33.00	1	3.00	5.00	3.50	4.25		12.75
2nd Cross Road									
	0.00	7.30	1	7.30	5.10	5.10	4.80		35.04
	7.30	25.30	1	18.00	4.70	3.80	4.90		88.20
	25.30	34.60	1	9.30	4.50	4.50	4.90		45.57
3rd Cross Road									
	0.00	30.00	1	30.00	5.50	5.00	5.25		157.50
	30.00	38.20	1	8.20	5.00	5.00	5.00		41.00
Ward no 04									
Asphalt ROAD									
10th B Main B Sector									
	0.00	30.00	1	30.00	6.00	6.50	6.25		187.50
	30.00	35.20	1	5.20	6.50	6.60	6.55		34.06
2nd B Main B Sector									
	0.00	30.00	1	30.00	6.40	6.50	6.45		193.50
	30.00	60.00	1	30.00	6.50	6.40	6.45		193.50
	60.00	72.10	1	12.10	6.40	6.50	6.45		78.05
11th B Cross Road B Sector									
	0.00	30.00	1	30.00	5.90	5.80	5.85		175.50
	30.00	60.00	1	30.00	5.80	5.60	5.70		171.00
	60.00	76.20	1	16.20	5.60	5.80	5.70		92.34
From Sandeep Unnikrishnan Main Road									
4th B Cross Road Continued									
	0.00	16.20	1	16.20	7.40	6.80	7.10		115.02
From 3rd B Cross Road									
7th B Main									
	0.00	30.00	1	30.00	6.90	6.20	6.55		196.50
	30.00	60.00	1	30.00	6.20	6.00	6.10		183.00
	60.00	67.30	1	7.30	6.00	6.00	6.00		43.80
								Total Qty Work Done	23606.94
								Approved Schedule B Quantity	76766.61
								Qty Payable in this bill	23606.94

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Contractor

Assistant Engineer
Yelahanka Division

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NEW TECH INFRASTRUCTURE CONSTRUCTION PVT. LTD. Bangalore 560 056

Project Management Consultants

Asst.Executive Engineer
Yelahanka Division

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಜಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

BRUHAT BANGALORE MAHANAGARA PALIKE

Second & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	16
Item Name:	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects. (V-III, P.No-33,I No-5.12C of PWD SR 2021-22).

SLNO	CHAINAGE / Land Mark		NO	L (m)	B (m)	D (m)	QTY	Remarks
Date of Measurement:- 22-1-23 - 1-2-23								
Ward no 03								
Asphalt ROAD								
Akshyanagar								
1st cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45	0.050	1.35	
	30.00	60.00	2	30.00	0.45	0.050	1.35	
	60.00	67.00	2	7.00	0.45	0.050	0.32	
Cut portion								
	0.00	30.00	2	30.00	0.55	0.050	1.65	
	30.00	60.00	2	30.00	0.55	0.050	1.65	
	60.00	67.00	2	7.00	0.55	0.050	0.39	
2nd cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45	0.050	1.35	
	30.00	60.00	2	30.00	0.45	0.050	1.35	
	60.00	63.50	2	3.50	0.55	0.050	0.19	
Cut portion								
	0.00	30.00	2	30.00	0.55	0.050	1.65	
	30.00	60.00	2	30.00	0.55	0.050	1.65	
	60.00	63.50	2	3.50	0.55	0.050	0.19	
3rd cross road								
Edge correction and damage portion								
	0.00	30.00	2	30.00	0.45	0.050	1.35	
	30.00	60.00	2	30.00	0.45	0.050	1.35	
	60.00	64.50	2	4.50	0.45	0.050	0.20	
Cut portion								

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	30.00	60.00	2	30.00	0.45	0.05	1.35		
	30.00	76.20	2	46.20	0.45	0.05	2.08		

Cut portion

	0.00	30.00	2	30.00	0.55	0.05	1.65		
	30.00	60.00	2	30.00	0.55	0.05	1.65		
	60.00	76.20	2	16.20	0.55	0.05	0.89		

Sandeep Unnikrishnan Main Road

4th B Cross Road

Edge correction and damage portion

	0.00	30.00	1	30.00	0.55	0.05	0.83		
	30.00	60.00	1	30.00	0.55	0.05	0.83		
	60.00	90.00	1	30.00	0.55	0.05	0.83		
	90.00	120.00	1	30.00	0.55	0.05	0.83		
	120.00	137.30	1	17.30	0.55	0.05	0.48		

Cut portion

	0.00	30.00	1	30.00	0.45	0.05	0.68		
	30.00	60.00	1	30.00	0.45	0.05	0.68		
	60.00	90.00	1	30.00	0.45	0.05	0.68		
	90.00	120.00	1	30.00	0.45	0.05	0.68		
	120.00	137.30	1	17.30	0.45	0.05	0.39		

4th B Cross Road Continued

Edge correction and damage portion

	0.00	16.20	1	16.20	0.55	0.05	0.45		

Cut portion

	0.00	16.20	1	16.20	0.45	0.05	0.36		

From 3rd B Cross Road

7th B Main

Edge correction and damage portion

	0.00	30.00	1	30.00	0.45	0.05	0.68		
	30.00	60.00	1	30.00	0.45	0.05	0.68		
	60.00	67.30	1	7.30	0.45	0.05	0.16		

Cut portion

	0.00	30.00	1	30.00	0.55	0.05	0.83		
	30.00	60.00	1	30.00	0.55	0.05	0.83		
	60.00	67.30	1	7.30	0.55	0.05	0.20		
							Total Qty Work Done	**442.52**	
							Approved Schedule B Quantity	**10938.22**	
							Qty Payable in this bill	**442.52**	

Contractor

Assistant Engineer
Yelahanka Division

Project Management Consultants

Asst Executive Engineer
Yelahanka Division

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

MEASUREMENT

SECOND AND PART BILL

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
2	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3) (V-I.No 1.4,Page No-5 PWD SR 2021-22)								
	Vide Premeasurement page no. 01 to 13				**Present Qty**	2287.02	**Cum**	336.25	769020.53
3	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates (V-1, P.No-15, I.No-2.1.3 of PWD SR 2021-22)								
	Vide Premeasurement page no. 14 to 15				**Present Qty**	78.74	**Cum**	6362.29	500953.99
4	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 & 2200 TMT Bars Fe 550(P-229/28.8.3) PWD SR 2018-19								
	Vide Premeasurement page no. 16 to 17				**Present Qty**	9.50	**Tonns**	114292.20	1085369.57
5	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (V-1,P.No.17, I.No.2.4.2 of PWD SR 2021-22)								
	Vide Premeasurement page no. 18 to 20				**Present Qty**	150.46	**Cum**	7265.75	1093196.94
8	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates (V-I. No-2.1.4, P No-15 of PWD SR 2021-22).								
	Vide Premeasurement page no. 21 to 22				**Present Qty**	49.29	**Cum**	6554.75	323057.19

11.50

11	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work ((V-I, P.No-8, I No-0.552 of PWD SR 2021-22)					
	Vide Premeasurement page no. 23 to 37		**Present Qty**	2142.55	Cum	71.90	154041.78
12	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401 .(V-III, I No-4.1V,P No-19,KPWD SR 2021-22)			1285.64			
	Vide Premeasurement page no. 38 to 51		**Present Qty**	4243.82	Cum	2596.02	11017022.61
13	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density (V-III, P.No-24,I No-4.27A)of PWD SR 2021-22).						
	Vide Premeasurement page no. 52 to 56		**Present Qty**	1969.28	Cum	2648.00	5214665.72
14	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means. (V-III, P.No-29.I No-5.1(i) of PWD SR 2021-22).						
	Vide Premeasurement page no. 67 to 79		**Present Qty**	8549.69	Sqm	48.67	416099.30
15	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom.(V-III, P.No-29.I No-5.3(i) of PWD SR 2021-22).						
	Vide Premeasurement page no. 80 to 85		**Present Qty**	23606.94	Sqm	13.27	313339.53
16	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects. (V-III, P.No-33,I No-5.12C of PWD SR 2021-22).						
	Vide Premeasurement page no. 86 to 100		**Present Qty**	442.52	Cum	10938.22	4840325.52

Contractor

Project Management Consultants

Assistant Engineer
Yelahanka Division

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BRUHAT BANGALORE MAHANAGARA PALIKE

Second & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	1						
Item Name:	Removing and Resetting of Footpath Slab and pointing in C.M (1:3) (Approved Rate)						
SLNO	CHAINAGE / Land Mark		NO	L (m)	B (m)	Side	QTY	Remarks
Date of Measurement:- 3-1-23 - 27-1-23								
Ward no 03								
Removing and Resetting of Footpath Slab								
	2nd main road Attur Layout LHS							
Attur Layout 2nd main road								
	0.00	21.00	1	21.00	0.90		18.90	
	21.00	30.00	1	9.00	0.90		8.10	
	30.00	60.00	1	30.00	0.90		27.00	
	60.00	74.70	1	14.70	0.90		13.23	
	74.70	84.40	1					Cross Road
	84.40	90.00	1	5.60	0.90		5.04	
	90.00	120.00	1	30.00	0.90		27.00	
	120.00	137.80	1	17.80	0.90		16.02	
	137.80	147.10						Cross Road
	147.10	150.00	1	2.90	0.90		2.61	
	150.00	180.00	1	30.00	0.90		27.00	
	180.00	210.00	1	30.00	0.90		27.00	
	210.00	218.30	1	8.30	0.90		7.47	
	218.30	226.00						Cross Road
	226.00	240.00	1	14.00	0.90		12.60	
	240.00	270.00	1	30.00	0.90		27.00	
	270.00	300.00	1	30.00	0.90		27.00	
	300.00	306.00						Cross Road
	306.00	330.00	1	24.00	0.90		21.60	
	330.00	360.00	1	30.00	0.90		27.00	
	360.00	377.00	1	17.00	0.90		15.30	
	2nd main road Attur Layout RHS							
	0.00	21.00	1	21.00	0.90		18.90	
	21.00	30.00	1	9.00	0.90		8.10	
	30.00	60.00	1	30.00	0.90		27.00	
	60.00	74.70	1	14.70	0.90		13.23	
	74.70	84.40	1					Cross Road
	84.40	90.00	1	5.60	0.90		5.04	

	82.30	108.70	1	26.40	0.90		23.76	
	108.70	113.10						
	113.10	141.20	1	28.10	0.90		25.29	
	141.20	145.60						
	145.60	172.40	1	26.80	0.90		24.12	
	172.40	176.40						
	176.40	201.00	1	24.60	0.90		22.14	
	201.00	205.20						
	205.20	231.50	1	26.30	0.90		23.67	
	231.50	236.20						
	236.20	253.00	1	16.80	0.90		15.12	
	253.00	263.70	1	10.70	0.90		9.63	
						Total Qty Work Done	5942.79	
						Approved Schedule B Quantity	6357.46	
						Qty Payable in this bill	5942.79	

Contractor

Assistant Engineer
Yelahanka Division

Project Management Consultants

Asst.Executive Engineer
Yelahanka Division

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BRUHAT BANGALORE MAHANAGARA

First & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	6	
Item Name:	Providing and fixing precast reinforced cement concrete covering slabs of 10Cm thick made of M20 with OPC cement,with 20mm and down size graded granite metal coarse aggregate @0.70 mixed, Inculding providing and removing centering, shuttering, strutting propping etc., for edges of slabs with TMT steel (Fe500) cost of all materials, labour, all lead and lift, HOM of machinery, curing, including cost of reinforcement etc., complete as directed by the Engineer in charge of the work	

SLNO	CHAINAGE / Land Mark		NO	L (m)	B (m)	D (m)	QTY	Remarks
Date of Measurement:- 27-1-23 - 2-2-23								
Ward no 03								
RCC DRAIN								
Sri Sai Layout								
From Veersagar Main Road								
Cross Road 1 (LHS)								
	0.00	14.70	1	14.70	0.90	-	13.23	
Cross Road 2 (RHS)								
	0.00	20.30	1	20.30	0.90	-	18.27	
Sai Layout 2nd A Main Road (LHS)								
	0.00	30.00	1	30.00	0.90	-	27.00	
	30.00	47.10	1	17.10	0.90	-	15.39	
	47.10	54.10	1	7.00	-	-	-	No Work
	54.10	84.10	1	30.00	0.90	-	27.00	
	84.10	114.10	1	30.00	0.90	-	27.00	
	114.10	121.10	1	7.00	0.90	-	6.30	
	121.10	135.60	-	-	-		-	BS Slab
	135.60	144.20	1	8.60	0.90	-	7.74	
Sai Layout 2nd A Main Road (RHS)								
	0.00	30.00	1	30.00	0.90	-	27.00	
	30.00	60.00	1	30.00	0.90	-	27.00	
	60.00	90.00	1	30.00	0.90	-	27.00	
	90.00	120.00	1	30.00	0.90	-	27.00	
	120.00	136.20	1	16.20	0.90	-	14.58	
From Veersagar Main Road								
11th Cross Road (RHS)								
	0.00	30.00	1	30.00	-	-	-	BS Slab
	30.00	49.00	1	19.00	-	-	-	BS Slab

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	Remarks
6th Cross Road (RHS)								
	0.00	9.20	1	9.20	0.90	-	8.28	
	9.20	14.60	1	5.40	-	-	-	BS Slab
	14.60	34.70	1	20.10	0.90	-	18.09	
	34.70	43.60	1	8.90	0.90	-	8.01	BS Slab
	43.60	52.10	1	8.50	0.90	-	7.65	
	52.10	57.60	1	5.50	-	-	-	BS Slab
	57.60	62.10	1	4.50	0.90	-	4.05	
	62.10	66.60	1	4.50	-	-	-	BS Slab
	66.60	93.90	1	27.30	0.90	-	24.57	
	93.90	108.00	1	14.10	-	-	-	No Work
	108.00	115.70	1	7.70	-	-	-	BS Slab
	115.70	120.60	1	4.90	0.90	-	4.41	
	120.60	124.90	1	4.30	-	-	-	BS Slab
	124.90	127.80	1	2.90	0.90	-	2.61	
	127.80	129.80	1	2.00	-	-	-	BS Slab
6th Cross Road (Dead End)								
	0.00	4.70	1	4.70	0.90	-	4.23	
Missing Slabs (in Removing and Resetting of Footpath Slab)								
	2nd main road Attur Layout LHS							
Attur Layout 2nd main road								
	0.00	21.00						
	21.00	24.50	1	3.50	0.90		3.15	
	24.50	30.00						
	30.00	36.50	1	6.50	0.90		5.85	
	36.50	60.00						
	60.00	67.50	1	7.50	0.90		6.75	
	67.50	74.70						
	74.70	84.40	1					Cross Road
	84.40	90.00	1	5.60	0.90		5.04	
	90.00	120.00						
	120.00	137.80						
	137.80	147.10						Cross Road
	147.10	152.60	1	5.50	0.90		4.95	
	152.60	180.00						
	180.00	210.00						
	210.00	218.30						
	218.30	226.00						Cross Road
	226.00	240.00						
	240.00	244.30	1	4.30	0.90		3.87	
	244.30	270.00						
	270.00	300.00						

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	Remarks
	120.00	150.00	1	30.00	0.90		27.00	
	150.00	180.00						
	180.00	210.00	1	30.00	0.90		27.00	
	210.00	240.00						
	240.00	247.60	1	7.60	0.90		6.84	
	240.00	270.00						
	270.00	285.70	1	15.70	0.90		14.13	
Attur Layout 4th cross road LHS								
	0.00	8.50						
	8.50	14.30	1	5.80	0.90		5.22	
	14.30	30.00						
	30.00	60.00						
	60.00	90.00	1	30.00	0.90		27.00	
	90.00	120.00						
	120.00	150.00						
	150.00	154.20	1	4.20	0.90		3.78	
	150.00	180.00						
	180.00	210.00	1	30.00	0.90		27.00	
	210.00	240.00						
	240.00	246.80						
	246.80	253.00	1	6.20	0.90		5.58	
	253.00	263.70						

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SLNO	CHAINAGE		NO	L	B	D	QTY	Remarks
	Land Mark			(m)	(m)	(m)		
Attur Layout 4th cross road RHS								
	0.00	8.50						
	8.50	16.80	1	8.30	0.90		7.47	
	16.80	30.00	1	13.20	0.90		11.88	
	30.00	60.00						
	60.00	90.00	1	30.00	0.90		27.00	
	90.00	120.00						
	120.00	150.00						
	150.00	156.20	1	6.20	0.90		5.58	
	150.00	180.00						
	180.00	210.00	1	30.00	0.90		27.00	
	210.00	240.00						
	240.00	248.50	1	8.50	0.90		7.65	
	248.50	253.00						
	253.00	263.70						
Total Qty Work Done							1416.42	
Approved Schedule B Quantity							7431.83	
Qty Payable in this bill							1416.42	

Contractor

NINETECH INFRA SOLUTIONS PVT LTD Bangalore 560 056

Project Management Consultants

Assistant Engineer

Yelahanka Division

Asst.Executive Engineer

Yelahanka Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Second & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	9
Item Name:	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete as directed by the Engineer in Charge of the work (Approved Rate)

SLNO	CHAINAGE / Land Mark		NO	L (m)	B (m)	D (m)	QTY	Remarks
Date of Measurement:- 24-1-23 - 27-1-23								
KERB								
Ward No -03								
Attur Layout 3rd cross road LHS (From End)								
	0.00	14.50	1	14.50			14.50	
	14.50	30.00						
	30.00	38.00	1	8.00			8.00	
	38.00	60.00	1	22.00			22.00	
	60.00	72.00	1	12.00			12.00	
	72.00	90.00						
	90.00	96.00	1	6.00			6.00	
	96.00	120.00						
	120.00	131.00	1	11.00			11.00	
	131.00	150.00						
	150.00	164.00	1	14.00			14.00	
	164.00	180.00						
	180.00	210.00	1	30.00			30.00	
	210.00	240.00	1	30.00			30.00	
	240.00	243.80	1	3.80			3.80	
	243.80	260.00						
	260.00	285.70	1	25.70			25.70	

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Attur Layout 4th cross road(RHS)								
	0.00	16.20	1	16.20			16.20	
	16.20	30.00						
	30.00	49.80	1	19.80			19.80	
	49.80	60.00						
	60.00	78.50	1	18.50			18.50	
	78.50	90.00						
	90.00	110.20	1	20.20			20.20	
	110.20	120.00	1	9.80			9.80	
	120.00	146.50	1	26.50			26.50	
	146.50	150.00						
	150.00	178.20	1	28.20			28.20	
	178.20	180.00						
	180.00	210.00	1	30.00			30.00	
	210.00	240.00						
	240.00	263.70	1					
					Total Qty		686.40	
				(ಇಷ್ಟು ÷ 0.45 ಅಗಲ)		Total Qty Work Done	1525.33	
						Approved Schedule B Quantity	17472.00	
						Qty Payable in this bill	1525.33	

169.2

Contractor

Assistant Engineer
Yelahanka Division

Project Management Consultants

Asst.Executive Engineer
Yelahanka Division
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BRUHAT BANGALORE MAHANAGARA PALIKE

Second & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	17
Item Name:	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects (V-III, P.No.36, I.No.5.16C of PWD SR 2021-22).

SLNO	CHAINAGE / Land Mark		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	D (m)	QTY	Remarks
Date of Measurement:-	17-1-23 - 4-2-23									
Ward no 03										
Asphalt ROAD										
Akshyanagar main road										
2nd cross road										
	0.00	30.00	1	30.00	6.00	5.90	5.95	0.040	7.14	
	30.00	60.00	1	30.00	5.90	6.40	6.15	0.040	7.38	
	60.00	63.50	1	3.50	6.40	6.40	6.40	0.040	0.90	
3rd cross road										
	0.00	30.00	1	30.00	6.90	5.10	6.00	0.040	7.20	
	30.00	60.00	1	30.00	5.10	7.10	6.10	0.040	7.32	
	60.00	64.50	1	4.50	7.10	7.10	7.10	0.040	1.28	
4th cross road										
	0.00	30.00	1	30.00	6.00	6.00	6.00	0.040	7.20	
	30.00	60.00	1	30.00	6.00	5.50	5.75	0.040	6.90	
	60.00	63.50	1	3.50	5.50	5.90	5.70	0.040	0.80	
5th cross road										
	0.00	30.00	1	30.00	5.80	7.00	6.40	0.040	7.68	
	30.00	60.00	1	30.00	7.00	7.00	7.00	0.040	8.40	
6th cross road										
	0.00	30.00	1	30.00	7.00	5.30	6.15	0.040	7.38	
	30.00	60.00	1	30.00	5.30	6.30	5.80	0.040	6.96	
	60.00	65.00	1	5.00	6.30	6.30	6.30	0.040	1.26	
7th cross road										
	0.00	30.00	1	30.00	6.80	5.40	6.10	0.040	7.32	
	30.00	60.00	1	30.00	5.40	6.60	6.00	0.040	7.20	
	60.00	64.00	1	4.00	6.60	6.60	6.60	0.040	1.06	
8th A main road										
	0.00	30.00	1	30.00	8.00	5.40	6.70	0.040	8.04	
	30.00	60.00	1	30.00	5.40	7.10	6.25	0.040	7.50	
	60.00	90.00	1	30.00	7.10	6.60	6.85	0.040	8.22	
	90.00	120.00	1	30.00	6.60	6.90	6.75	0.040	8.10	
	120.00	150.00	1	30.00	6.90	6.70	6.80	0.040	8.16	
	150.00	180.00	1	30.00	6.70	5.40	6.05	0.040	7.26	
	180.00	210.00	1	30.00	5.40	6.50	5.95	0.040	7.14	
	210.00	240.00	1	30.00	6.50	6.80	6.65	0.040	7.98	

240.00	257.60	1	17.60	6.80	5.30	6.05	0.040	4.26	
State Bank of India road									
0.00	30.00	1	30.00	8.80	5.80	7.30	0.040	8.76	
30.00	60.00	1	30.00	5.80	7.00	6.40	0.040	7.68	
60.00	90.00	1	30.00	7.00	6.30	6.65	0.040	7.98	
90.00	118.40	1	28.40	6.30	6.50	6.40	0.040	7.27	
118.40	139.00	1	20.60	2.80	3.20	3.00	0.040	2.47	
2nd A main road									
0.00	30.00	1	30.00	5.60	4.10	4.85	0.040	5.82	
30.00	60.00	1	30.00	4.10	3.50	3.80	0.040	4.56	
60.00	90.00	1	30.00	3.50	3.50	3.50	0.040	4.20	
90.00	120.00	1	30.00	3.50	3.70	3.60	0.040	4.32	
120.00	125.60	1	5.60	3.70	4.00	3.85	0.040	0.86	
Attur Layout 2nd main road									
0.00	21.00	1	21.00	3.20	3.50	3.35	0.040	2.81	
21.00	30.00	1	9.00	3.00	3.70	3.35	0.040	1.21	
30.00	60.00	1	30.00	3.70	4.40	4.05	0.040	4.86	
60.00	76.30	1	16.30	4.40	4.70	4.55	0.040	2.97	
76.30	86.20		9.90						1st Cross Road
86.20	90.00	1	3.80	3.70	3.40	3.55	0.040	0.54	
90.00	120.00	1	30.00	3.40	3.70	3.55	0.040	4.26	
120.00	137.80	1	17.80	3.70	3.80	3.75	0.040	2.67	
137.80	148.70								2nd Cross Road
148.70	150.00	1	1.30	4.90	4.30	4.60	0.040	0.24	
150.00	180.00	1	30.00	4.30	3.80	4.05	0.040	4.86	
180.00	210.00	1	30.00	3.80	3.30	3.55	0.040	4.26	
210.00	220.80	1	10.80	3.30	4.60	3.95	0.040	1.71	
220.80	228.60		7.80						3rd Cross Road
228.60	240.00	1	11.40	4.80	3.90	4.10	0.040	1.87	
240.00	270.00	1	30.00	3.90	4.00	3.95	0.040	4.74	
270.00	300.00	1	30.00	4.00	5.20	4.60	0.040	5.52	
300.00	303.60	1	3.60	5.20	5.20	5.20	0.040	0.75	
303.60	310.10		6.50						4th Cross Road
310.10	330.00	1	19.90	4.80	4.50	4.65	0.040	3.70	
330.00	360.00	1	30.00	4.50	4.20	4.35	0.040	5.22	
360.00	377.00	1	17.00	4.20	4.70	4.45	0.040	3.03	
Attur Layout 3rd main road									
0.00	30.00	1	30.00	5.00	3.20	4.10	0.040	4.92	
30.00	60.00	1	30.00	3.20	3.40	3.30	0.040	3.96	
60.00	74.20	1	14.20	3.40	4.00	3.70	0.040	2.10	
74.20	83.40	1	9.20						1st Cross Road
83.40	90.00	1	6.60	4.00	3.50	3.75	0.040	0.99	
90.00	120.00	1	30.00	3.50	3.00	3.25	0.040	3.90	
120.00	137.50	1	17.50	3.00	3.10	3.05	0.040	2.14	
137.50	146.60		9.10						2nd Cross Road
146.60	150.00	1	3.40	3.60	3.50	3.55	0.040	0.48	
150.00	180.00	1	30.00	3.50	3.10	3.30	0.040	3.96	
180.00	210.00	1	30.00	3.10	3.30	3.20	0.040	3.84	
210.00	219.80	1	9.80	3.30	3.50	3.40	0.040	1.33	
219.80	227.50		7.70						3rd Cross Road

227.50	240.00	1	12.50	4.00	3.45	3.73	0.040	1.86	
240.00	270.00	1	30.00	3.45	4.10	3.78	0.040	4.53	
270.00	300.00	1	30.00	4.10	4.60	4.35	0.040	5.22	
300.00	302.90	1	2.90	4.60	4.70	4.65	0.040	0.54	
302.90	308.50		5.60						4th Cross Road
308.50	330.00	1	21.50	3.60	4.00	3.80	0.040	3.27	
330.00	360.00	1	30.00	4.00	4.20	4.10	0.040	4.92	
360.00	390.00	1	30.00	4.20	3.30	3.75	0.040	4.50	
390.00	420.00	1	30.00	3.30	3.80	3.55	0.040	4.26	
420.00	453.20	1	33.20	3.80	4.50	4.15	0.040	5.51	

Attur Layout 4th main road (From End)

0.00	30.00	1	30.00	4.10	4.40	4.25	0.040	5.10	
30.00	60.00	1	30.00	4.40	3.50	3.95	0.040	4.74	
60.00	82.80	1	22.80	3.50	4.90	4.20	0.040	3.83	
82.80	89.40		6.60						5th Cross Road
89.40	90.00	1	0.60	4.40	4.40	4.40	0.040	0.11	
90.00	120.00	1	30.00	4.40	3.70	4.05	0.040	4.86	
120.00	137.60	1	17.60	3.70	4.60	4.15	0.040	2.92	
137.60	142.60		5.00						4th Cross Road
142.60	150.00	1	7.40	5.40	4.90	5.15	0.040	1.52	
150.00	180.00	1	30.00	4.90	4.00	4.45	0.040	5.34	
180.00	210.00	1	30.00	4.00	4.10	4.05	0.040	4.86	
210.00	218.30	1	8.30	4.10	4.00	4.05	0.040	1.34	
218.30	224.40		6.10						3rd Cross Road
224.40	240.00	1	15.60	4.00	3.50	3.75	0.040	2.34	
240.00	270.00	1	30.00	3.50	3.60	3.55	0.040	4.26	
270.00	300.00	1	30.00	3.60	3.90	3.75	0.040	4.50	
300.00	301.60	1	1.60	3.70	3.70	3.70	0.040	0.24	
301.60	307.90		6.30						2nd Cross Road
307.90	330.00	1	22.10	3.70	3.80	3.75	0.040	3.32	
330.00	360.00	1	30.00	3.80	4.00	3.90	0.040	4.68	
360.00	362.40	1	2.40	4.00	3.80	3.90	0.040	0.37	
362.40	372.00		9.60						1st Cross Road
372.00	390.00	1	18.00	3.60	3.70	3.65	0.040	2.63	
390.00	417.00	1	27.00	3.70	3.70	3.70	0.040	4.00	

Attur Layout 5th main road

0.00	30.00	1	30.00	5.70	4.10	4.90	0.040	5.88	
30.00	60.00	1	30.00	4.10	4.70	4.40	0.040	5.28	
60.00	71.50	1	11.50	4.70	5.20	4.95	0.040	2.28	
71.50	79.50		8.00						1st Cross Road
79.50	90.00	1	10.50	3.90	4.20	4.05	0.040	1.70	
90.00	120.00	1	30.00	4.20	4.00	4.10	0.040	4.92	
120.00	136.60	1	16.60	4.00	5.20	4.60	0.040	3.05	
136.60	143.70		7.10						2nd Cross Road
143.70	150.00	1	6.30	4.00	4.20	4.10	0.040	1.03	
150.00	180.00	1	30.00	4.20	3.60	3.90	0.040	4.68	
180.00	210.00	1	30.00	3.60	4.90	4.25	0.040	5.10	
210.00	216.60	1	6.60	4.90	4.50	4.70	0.040	1.24	
216.60	224.40		7.80						3rd Cross Road
224.40	240.00	1	15.60	4.90	4.10	4.50	0.040	2.81	
240.00	270.00	1	30.00	4.10	3.70	3.90	0.040	4.68	

270.00	288.20	1	18.20	4.70	5.60	5.15	0.040	3.75	
288.20	298.00	1	9.80	4.40	5.10	4.75	0.040	1.86	
298.00	305.50		7.50						4th Cross Road
305.50	330.00	1	24.50	4.40	4.20	4.30	0.040	4.21	
330.00	352.80	1	22.80	4.20	5.00	4.60	0.040	4.20	
352.80	360.80		8.00						5th Cross Road
360.80	390.00	1	29.20	3.70	5.00	4.35	0.040	5.08	
390.00	420.00	1	30.00	5.00	4.50	4.75	0.040	5.70	
420.00	436.50	1	16.50	4.50	4.20	4.35	0.040	2.87	
Attur Layout 6th main road (From End)									
0.00	30.00	1	30.00	3.30	3.30	3.30	0.040	3.96	
30.00	46.00	1	16.00	3.30	3.60	3.45	0.040	2.21	
46.00	53.70		7.70						4th Cross Road
53.70	60.00	1	6.30	3.70	3.60	3.65	0.040	0.92	
60.00	90.00	1	30.00	3.60	3.10	3.35	0.040	4.02	
90.00	120.00	1	30.00	3.10	4.00	3.55	0.040	4.26	
120.00	129.50	1	9.50	4.00	4.20	4.10	0.040	1.56	
129.50	136.70		7.20						3rd Cross Road
136.70	150.00	1	13.30	3.80	3.20	3.50	0.040	1.86	
150.00	180.00	1	30.00	3.20	3.40	3.30	0.040	3.96	
180.00	209.70	1	29.70	3.40	4.80	4.10	0.040	4.87	
209.70	217.40		7.70						2nd Cross Road
217.40	240.00	1	22.60	4.20	4.10	4.15	0.040	3.75	
240.00	270.00	1	30.00	4.10	4.20	4.15	0.040	4.98	
270.00	274.10	1	4.10	4.20	4.10	4.15	0.040	0.68	
274.10	280.90		6.80						1st Cross Road
280.90	300.00	1	19.10	4.00	3.30	3.65	0.040	2.79	
300.00	330.00	1	30.00	3.30	3.40	3.35	0.040	4.02	
330.00	350.70	1	20.70	3.40	5.20	4.30	0.040	3.56	
Attur Layout 7th main road									
0.00	30.00	1	30.00	6.30	4.30	5.30	0.040	6.36	
30.00	60.00	1	30.00	4.30	4.40	4.35	0.040	5.22	
60.00	69.00	1	9.00	4.40	4.20	4.30	0.040	1.55	
69.00	75.50		6.50						1st Cross Road
75.50	90.00	1	14.50	4.30	4.00	4.15	0.040	2.41	
90.00	120.00	1	30.00	4.00	3.60	3.80	0.040	4.56	
120.00	121.70	1	1.70	3.60	4.20	3.90	0.040	0.27	
121.70	132.30	1	10.60	3.60	4.20	3.90	0.040	1.65	
132.30	141.10		8.80						2nd Cross Road
141.10	150.00	1	8.90	6.00	5.40	5.70	0.040	2.03	
150.00	180.00	1	30.00	5.40	3.80	4.60	0.040	5.52	
180.00	210.00	1	30.00	3.80	3.80	3.80	0.040	4.56	
210.00	215.40	1	5.40	3.80	3.80	3.80	0.040	0.82	
215.40	221.40		6.00						3rd Cross Road
221.40	240.00	1	18.60	4.10	3.40	3.75	0.040	2.79	
240.00	270.00	1	30.00	3.40	4.00	3.70	0.040	4.44	
270.00	297.80	1	27.80	4.00	4.00	4.00	0.040	4.45	
297.80	302.60		4.80						4th Cross Road
302.60	330.00	1	27.40	3.90	3.80	3.85	0.040	4.22	
330.00	350.00	1	20.00	3.80	3.80	3.80	0.040	3.04	
Attur Layout 8th main road									

	0.00	30.00	1	30.00	6.20	4.30	5.25	0.040	6.30	
	30.00	60.00	1	30.00	4.30	5.00	4.65	0.040	5.58	
	60.00	67.00	1	7.00	5.00	4.20	4.60	0.040	1.29	
	67.00	74.00		7.00						1st Cross Road
	74.00	104.00	1	30.00	4.80	4.80	4.80	0.040	5.76	
	104.00	129.70	1	25.70	4.80	5.00	4.80	0.040	4.93	
	129.70	136.70		7.00						2nd Cross Road
	136.70	166.70	1	30.00	3.90	4.10	4.00	0.040	4.80	
	166.70	196.70	1	30.00	4.10	4.60	4.35	0.040	5.22	
	196.70	212.00	1	15.30	4.60	5.20	4.90	0.040	3.00	
	212.00	220.00		8.00						3rd Cross Road
	220.00	250.00	1	30.00	4.70	4.40	4.55	0.040	5.46	
	250.00	280.00	1	30.00	4.40	4.00	4.20	0.040	5.04	
	280.00	293.00	1	13.00	4.00	4.30	4.15	0.040	2.16	
	293.00	300.00		7.00						4th Cross Road
	300.00	330.00	1	30.00	4.10	3.70	3.90	0.040	4.68	
	330.00	345.20	1	15.20	3.70	4.20	3.95	0.040	2.40	

Attur Layout 1st cross road

0.00	30.00	1	30.00	6.80	6.30	6.55	0.040	7.86	
30.00	60.00	1	30.00	6.30	5.60	5.95	0.040	7.14	
60.00	90.00	1	30.00	5.60	6.40	6.00	0.040	7.20	
90.00	110.80	1	20.80	6.40	5.80	6.10	0.040	5.08	
110.80	111.70								Culvert
111.70	120.00	1	8.30	6.50	6.40	6.45	0.040	2.14	
120.00	142.40	1	22.40	6.40	4.90	5.65	0.040	5.06	
142.40	143.50								Culvert
143.50	147.20	1	3.70	6.20	6.70	6.45	0.040	0.95	
147.20	148.30								Culvert
148.30	150.00	1	1.70	5.80	5.80	5.80	0.040	0.39	
150.00	172.30	1	22.30	5.80	5.30	5.55	0.040	4.95	
172.30	174.10								Culvert
174.10	180.00	1	5.90	6.60	5.30	5.95	0.040	1.40	
180.00	203.30	1	23.30	5.30	5.80	5.55	0.040	5.17	
203.30	205.00								Culvert
205.00	209.10	1	4.10	7.00	7.00	7.00	0.040	1.15	
209.10	210.60								Culvert
210.60	234.30	1	23.70	6.30	4.10	5.20	0.040	4.93	

Attur Layout 2nd cross road

0.00	30.00	1	30.00	5.10	6.20	5.65	0.040	6.78	
30.00	60.00	1	30.00	6.20	6.00	6.10	0.040	7.32	
60.00	90.00	1	30.00	6.00	4.60	5.30	0.040	6.36	
90.00	94.70	1	4.70	4.60	4.50	4.55	0.040	0.86	
94.70	108.40								CC Road
108.40	120.00	1	11.60	5.50	5.40	5.45	0.040	2.53	
120.00	150.00	1	30.00	5.40	4.50	4.95	0.040	5.94	
150.00	180.00	1	30.00	4.50	6.80	5.65	0.040	6.78	
180.00	210.00	1	30.00	6.80	5.60	6.20	0.040	7.44	
210.00	240.00	1	30.00	5.60	4.50	5.05	0.040	6.06	
240.00	245.00	1	5.00	4.50	4.40	4.45	0.040	0.89	
245.00	251.00								CC Road
251.00	272.00	1	21.00	5.70	5.20	5.45	0.040	4.58	

	272.00	274.80	1	2.80	3.10	3.10	3.10	0.040	0.35
Attur Layout 3rd cross road (From End)									
	0.00	30.00	1	30.00	6.10	6.30	6.20	0.040	7.44
	30.00	60.00	1	30.00	6.30	6.00	6.15	0.040	7.38
	60.00	90.00	1	30.00	6.00	6.00	6.00	0.040	7.20
	90.00	120.00	1	30.00	6.00	5.30	5.65	0.040	6.78
	120.00	150.00	1	30.00	5.30	6.30	5.80	0.040	6.96
	150.00	180.00	1	30.00	6.30	6.00	6.15	0.040	7.38
	180.00	210.00	1	30.00	6.00	5.40	5.70	0.040	6.84
	210.00	240.00	1	30.00	5.40	6.10	5.75	0.040	6.90
	240.00	270.00	1	30.00	6.10	5.30	5.70	0.040	6.84
	270.00	285.70	1	15.70	5.30	6.00	5.65	0.040	3.55
Attur Layout 4th cross road									
	0.00	30.00	1	30.00	7.40	6.80	7.10	0.040	8.52
	30.00	60.00	1	30.00	6.80	5.50	6.15	0.040	7.38
	60.00	90.00	1	30.00	5.50	5.20	5.35	0.040	6.42
	90.00	120.00	1	30.00	5.20	5.60	5.40	0.040	6.48
	120.00	150.00	1	30.00	5.60	6.20	5.90	0.040	7.08
	150.00	180.00	1	30.00	6.20	5.20	5.70	0.040	6.84
	180.00	210.00	1	30.00	5.20	4.80	5.00	0.040	6.00
	210.00	240.00	1	30.00	4.80	7.40	6.10	0.040	7.32
	240.00	256.90	1	16.90	7.40	6.00	6.70	0.040	4.53
	256.90	263.70	1	6.80	4.00	4.00	4.00	0.040	1.09
Under 11th cross Road (Muneshwara Layout)									
1st Cross Road									
	0.00	30.00	1	30.00	4.90	5.00	4.95	0.040	5.94
	30.00	33.00	1	3.00	5.00	3.50	4.25	0.040	0.51
2nd Cross Road									
	0.00	7.30	1	7.30	5.10	5.10	4.80	0.040	1.40
	7.30	25.30	1	18.00	4.70	3.80	4.90	0.040	3.53
	25.30	34.60	1	9.30	4.50	4.50	4.90	0.040	1.82
3rd Cross Road									
	0.00	30.00	1	30.00	5.50	5.00	5.25	0.040	6.30
	30.00	38.20	1	8.20	5.00	5.00	5.00	0.040	1.64
Ward no 04									
Asphalt ROAD									
10th B Main B Sector									
	0.00	30.00	1	30.00	6.00	6.50	6.25	0.040	7.50
	30.00	35.20	1	5.20	6.50	6.60	6.55	0.040	1.36
2nd B Main B Sector									
	0.00	30.00	1	30.00	6.40	6.50	6.45	0.040	7.74
	30.00	60.00	1	30.00	6.50	6.40	6.45	0.040	7.74
	60.00	72.10	1	12.10	6.40	6.50	6.45	0.040	3.12
11th B Cross Road B Sector									
	0.00	30.00	1	30.00	5.90	5.80	5.85	0.040	7.02
	30.00	60.00	1	30.00	5.80	5.60	5.70	0.040	6.84
	60.00	76.20	1	16.20	5.60	5.80	5.70	0.040	3.69

From Sandeep Unnikrishnan Main Road										
4th B Cross Road										
	0.00	30.00	1	30.00	0.00	5.80	2.90	0.040	3.48	
	30.00	60.00	1	30.00	5.80	6.80	6.30	0.040	7.56	
	60.00	90.00	1	30.00	6.80	7.80	7.30	0.040	8.76	
	90.00	120.00	1	30.00	7.80	8.80	8.30	0.040	9.96	
	120.00	137.30	1	17.30	8.80	9.80	9.30	0.040	6.44	
4th B Cross Road Continued										
	0.00	16.20	1	16.20	7.40	6.80	7.10	0.040	4.60	
From 3rd B Cross Road										
7th B Main										
	0.00	30.00	1	30.00	6.90	6.20	6.55	0.040	7.86	
	30.00	60.00	1	30.00	6.20	6.00	6.10	0.040	7.32	
	60.00	67.30	1	7.30	6.00	6.00	6.00	0.040	1.75	
Total Qty Work Done									**982.70**	
Approved Schedule B Quantity									**2501.23**	
Qty Payable in this bill									**982.70**	

Contractor

Assistant Engineer
Yelahanka Division

Project Management Consultants

Asst.Executive Engineer
Yelahanka Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Second & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	18
Item Name:	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes.(V-III,I No-8.15, P.No-57 of KPWD SR 2021-22)

SLNO	CHAINAGE / Land Mark		NO	L (m)	B1 (m)	D (m)	QTY	Remarks
Date of Measurement:- 24-1-23 - 4-2-23								
Ward no 03								
Asphalt ROAD								
Akshyanagar main road								
2nd cross road								
	0.00	30.00	2	30.00	0.10		6.00	
	30.00	60.00	2	30.00	0.10		6.00	
	30.00	63.50	2	33.50	0.10		6.70	
3rd cross road								
	0.00	30.00	2	30.00	0.10		6.00	
	30.00	60.00	2	30.00	0.10		6.00	
	60.00	64.50	2	4.50	0.10		0.90	
4th cross road								
	0.00	30.00	2	30.00	0.10		6.00	
	30.00	60.00	2	30.00	0.10		6.00	
	60.00	63.50	2	3.50	0.10		0.70	
5th cross road								
	0.00	30.00	2	30.00	0.10		6.00	
	30.00	60.00	2	30.00	0.10		6.00	
6th cross road								
	0.00	30.00	2	30.00	0.10		6.00	
	30.00	60.00	2	30.00	0.10		6.00	
	60.00	65.00	2	5.00	0.10		1.00	
7th cross road								
	0.00	30.00	2	30.00	0.10		6.00	
	30.00	60.00	2	30.00	0.10		6.00	
	60.00	64.00	2	4.00	0.10		0.80	
8th A main road								
	0.00	30.00	3	30.00	0.10		9.00	
	30.00	60.00	3	30.00	0.10		9.00	
	60.00	90.00	3	30.00	0.10		9.00	
	90.00	120.00	3	30.00	0.10		9.00	
	120.00	150.00	3	30.00	0.10		9.00	

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	30.00	60.00	2	30.00	0.10		6.00	
	60.00	72.10	2	12.10	0.10		2.42	
11th B Cross Road B Sector								
	0.00	30.00	2	30.00	0.10		6.00	
	30.00	60.00	2	30.00	0.10		6.00	
	60.00	76.20	2	16.20	0.10		3.24	
From Sandeep Unnikrishnan Main Road								
4th B Cross Road								
	0.00	30.00	1	30.00	0.10		3.00	
	30.00	60.00	1	30.00	0.10		3.00	
	60.00	90.00	1	30.00	0.10		3.00	
	90.00	120.00	1	30.00	0.10		3.00	
	120.00	137.30	1	17.30	0.10		1.73	
4th B Cross Road Continued								
	0.00	16.20	1	16.20	0.10		1.62	
From 3rd B Cross Road								
7th B Main								
	0.00	30.00	1	30.00	0.10		3.00	
	30.00	60.00	1	30.00	0.10		3.00	
	60.00	67.30	1	7.30	0.10		0.73	
Total Qty Work Done							**1061.58**	
Approved Schedule B Quantity							**2411.70**	
Qty Payable in this bill							**1061.58**	

Contractor

Assistant Engineer
Yelahanka Division

Project Management Consultants

Asst.Executive Engineer
Yelahanka Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Second & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	22	
Item Name:	Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per m2 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level , including cost of materials, labour and Usage charges of machinery complete as per specifications. (V-I.No 9.31,Page No-64 PWD SR 2021-22)	

SLNO	CHAINAGE / Land Mark	NO	L (m)	B (m)	D (m)	QTY	Remarks
Date of Measurement:-	18-1-23 - 24-2-23						
	Cobble Stone						
	S-LIG - 10,11						
		1	5.00	17.60		88.00	
		1	8.60	12.70		109.22	
		1	9.90	1.80		17.82	
		1	3.30	1.80		5.94	
		1	9.90	1.70		16.83	
		1	3.10	3.40		10.54	
	Deduction of Sump	-1	5.30	3.20		-16.96	
	Deduction of Tree	-1	0.90	0.90		-0.81	
	Deduction of Building	-1	1.20	4.40		-5.28	
	Deduction of Trasnformer	-1	0.90	0.45		-0.41	
	S-LIG - 08,09						
		1	6.60	6.30		41.58	
		1	3.20	1.30		4.16	
		1	7.10	10.60		75.26	
		1	6.00	6.40		38.40	
		1	1.30	3.30		4.29	
	Deduction of Sump	-1	7.70	2.50		-19.25	
	Deduction of Transformer	-1	1.00	0.30		-0.30	
	Deduction of Building	-1	3.10	1.00		-3.10	
	Deduction of Steps	-1	0.90	0.40		-0.36	
	Deduction of Building	-1	3.10	1.00		-3.10	
	S-LIG - 07						
		1	5.50	4.80		26.40	
		1	1.30	3.30		4.29	
	Deduction of Sump	-1	3.10	1.70		-5.27	
	S-LIG - 06						
		1	29.70	10.10		299.97	
		1	5.80	3.50		20.30	
	Deduction of Sump	-4	3.00	5.20		-62.40	
	S-LIG - 05						
		1	4.20	4.90		20.58	

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		S-LIG - 03					
			1	29.00	4.80	139.20	
			1	3.30	1.80	5.94	
			1	4.00	4.80	19.20	
			1	3.30	1.80	5.94	
	Deduction of Sump		-1	7.70	2.50	-19.25	
		S-LIG - 01					
			1	12.50	9.50	118.75	
			1	2.70	1.30	3.51	
			1	19.40	6.10	118.34	
	Deduction of Transformer		-1	1.30	0.60	-0.78	
	Deduction of Steps		-1	0.90	0.90	-0.81	
	Deduction of Building		-1	3.90	1.30	-5.07	
	Deduction of Sump		-1	7.70	2.50	-19.25	
	Deduction of Transformer		-1	2.10	1.20	-2.52	
	Deduction of Building		-1	3.10	1.00	-3.10	
	Deduction of Mortor		-1	1.90	0.70	-1.33	
					Total Qty Work Done	1025.12	
					Approved Schedule B Quantity	5044.85	
					Qty Payable in this bill	1025.12	

Contractor

Assistant Engineer
Yelahanka Division

Project Management Consultants

Asst.Executive Engineer
Yelahanka Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Second & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	23	
Item Name:	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km (V-III Page No.3, Item No.1.4 A of PWD SR 2021-22)	

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	Remarks
Date of Measurement:-	1-2-23 - 4-2-23							
Ward no 03								
RCC DRAIN								
Sri Sai Layout								
From Veersagar Main Road								
Cross Road 1 (LHS)								
	0.00	14.70	1	14.70	1.10	1.00	16.17	
Cross Road 2 (RHS)								
	0.00	20.30	1	20.30	1.10	1.00	22.33	
Sai Layout 2nd A Main Road (LHS)								
	0.00	30.00	1	30.00	1.10	1.00	33.00	
	30.00	47.10	1	17.10	1.10	1.00	18.81	
	47.10	54.10	1	7.00	-	-	-	No Work
	54.10	84.10	1	30.00	1.10	1.00	33.00	
	84.10	114.10	1	30.00	1.10	1.00	33.00	
	114.10	144.10	1	30.00	1.10	1.00	33.00	
Sai Layout 2nd A Main Road (RHS)								
	0.00	30.00	1	30.00	1.10	1.00	33.00	
	30.00	60.00	1	30.00	1.10	1.00	33.00	
	60.00	90.00	1	30.00	1.10	1.00	33.00	
	90.00	120.00	1	30.00	1.10	1.00	33.00	
	120.00	136.20	1	16.20	1.10	1.00	17.82	
From Veersagar Main Road								
11th Cross Road (RHS)								
	0.00	30.00	1	30.00	1.10	1.00	33.00	
	30.00	49.00	1	19.00	1.10	1.00	20.90	
6th Cross Road (RHS)								
	0.00	30.00	1	30.00	1.10	1.00	33.00	
	30.00	60.00	1	30.00	1.10	1.00	33.00	
	60.00	90.00	1	30.00	1.10	1.00	33.00	
	90.00	93.90	1	3.90	1.10	1.00	4.29	
	93.90	108.00	1	14.10	-	-	-	No Work
	108.00	129.30	1	21.30	1.10	1.00	23.43	
6th Cross Road (Dead End)								
	0.00	4.70	1	4.70	1.10	1.00	5.17	
Desilting								

Hanumayya Layout(Adjacent to Trivik Apt)								
1st Main Road (LHS)								
	0.00	30.00	1	30.00	0.80	0.85	20.40	
	30.00	48.00	1	18.00	0.80	0.85	12.24	
	48.00	55.60	1	7.60	-	-	-	CULVERT
	55.60	85.60	1	30.00	0.80	0.85	20.40	
	85.60	115.60	1	30.00	0.80	0.85	20.40	
	115.60	145.60	1	30.00	0.80	0.85	20.40	
	145.60	155.50	1	9.90	0.80	0.85	6.73	
Cross Road 1 (LHS)								
	0.00	8.80	1	8.80	0.85	0.85	6.36	
2nd Main Road (LHS) (From Dhanush Nialaya)								
	0.00	30.00	1	30.00	0.85	0.85	21.68	
	30.00	38.30	1	8.30	0.85	0.85	6.00	
RCC CULVERT								
Ward No -04								
6th B Main road - B - Sector (LHS)								
	49.00	56.80	1	7.80	1.70	1.00	13.26	
	258.00	265.50	1	7.50	1.70	1.00	12.75	
	300.10	305.00	1	4.90	1.70	1.00	8.33	
7th B Main Road (RHS)								
	102.00	108.00	1	6.00	1.40	1.00	8.40	
	212.00	219.50	1	7.50	1.70	1.00	12.75	
	277.10	280.60	1	3.50	1.70	1.00	5.95	
7th B Main road - B - Sector (RHS)								
	42.00	50.00	1	8.00	1.70	1.00	13.60	
	196.20	205.20	1	9.00	1.70	1.00	15.30	
4th B Cross road - B - Sector (RHS)								
	91.40	96.30	1	4.90	1.40	1.00	6.86	
4th B Cross road Continued (RHS)								
	0.00	9.30	1	9.30	1.70	1.00	15.81	
2nd B Main road (RHS)								
	17.00	24.60	1	7.60	1.40	1.00	10.64	
Ward No -03								
3rd A Main road								
	0.00	3.70	1	3.70	1.40	1.00	5.18	
1.28 Density to be Mulitplied for total Qty							**1.28**	
						Total Qty	**10891.03**	
						Total Qty Work Done	**10891.03**	
						Approved Schedule B Quantity	**27704.65**	
						Qty Payable in this bill	**10891.03**	
						Sub Total Amount	**38557522.96**	
						Add 18% GST	**6940354.13**	
						Grand Total Amount	**45497877.10**	

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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-10

NINE TECH INFRA PROJECTS PVT. LTD. Bangalore 560 056

Contractor

Project Management Consultants

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ